

Converting Colors

Hex(4DDE40)

Have a look what the booklet for
Hex(4DDE40) contains.

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Color

Hex(4DDE40)

Conversions

Conversions Part 1

Format	Color
Hex	4DDE40
RGB	77, 222, 64
RGB Percent	30%, 87%, 25%
CMY	0.6980, 0.1294, 0.7490
CMYK	0.65, 0.00, 0.71, 0.13
HSL	115°, 71%, 56%
HSV	115°, 71%, 87%
XYZ	30.1073, 54.1905, 13.7235
YIQ	160.6330, -35.7020, -79.8780

Conversions

Conversions Part 2

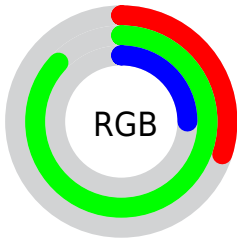
Format	Color
RYB	64, 222, 209
Decimal	5103168
CIELab	78.57, -66.80, 62.78
CIELCh	79, 91.673, 136.778
Yxy	54.1905, 0.3072, 0.5528
Android (android.graphics.Color)	4283293248 (0xFF4DDE40)
YUV	160.6330, -47.6401, -73.3461
Hunter-Lab	73.6142, -55.8206, 40.4768

Details

The Hex color **4DDE40** is a dark color, and the websafe version is hex **33CC33**. The color can be described as dark muted green. A complement of this color would be **D140DE**, and the grayscale version is **A1A1A1**.

A 20% lighter version of the original color is **8EFF78**, and **00A500** is the 20% darker color. If you saturate the color by 10%, you get **39DE2A**, and if you desaturate by 10%, it is **61DE56**.

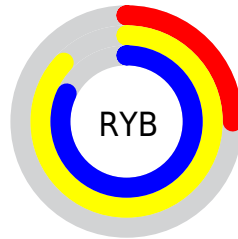
Distribution



Red (30%)

Green (87%)

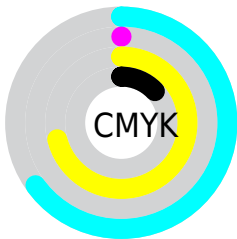
Blue (25%)



Red (25%)

Yellow (87%)

Blue (82%)

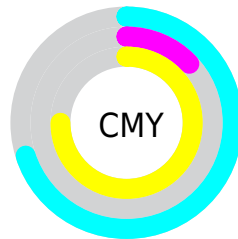


Cyan (65%)

Magenta (0%)

Yellow (71%)

Black (13%)



Cyan (70%)

Magenta (13%)

Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4DDE40 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color 4DDE40 by changing the saturation by 10% instead.

 4DDE40

 4DDE40

FFFFFF

 22C120

 8EFF78

 00A500

 ADFF94

 008A00

 CCFFB0

 006F00

 EBFFCD

 005500

 FFFFEA

 003D00

 002400

 000000

 4DDE40

 4DDE40

 39DE2A

 61DE56

 24DE14

 76DE6C

 12DE00

 8ADE83

 9EDE99

 B3DEAF

 C7DEC5

 DCDEDB

 F0DEF2

 FFDEFF

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



BCCD00



4DDE40



00E698

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



4DDE40



00D7FF



FF6797

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



4DDE40



D140DE

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



FF6BEC



4DDE40



5EBCFF

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



4DDE40



00E5FF



FF94FF



FF8A46

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



4DDE40



00E9D4



FF94FF



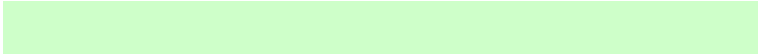
FF62B3

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



4DDE40



CEFFC9



DED140



628060



000000



808080

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



4DDE40



38FF26



40DE82



667065



0EB000



043000

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



D140DE



ED26FF



DE409C



6F6570



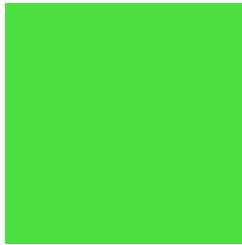
A100B0



2C0030

Previews

White Background



This preview shows how the Hex color 4DDE40 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Hex color 4DDE40 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 4DDE40 Background



This preview shows how black text looks on a background with the Hex color 4DDE40.

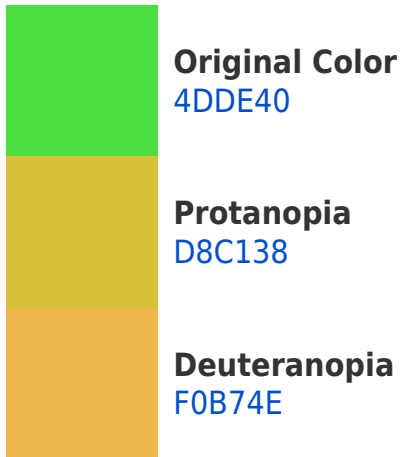


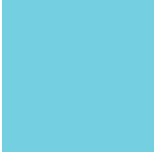
This preview shows how white text looks on a background with the Hex color 4DDE40.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

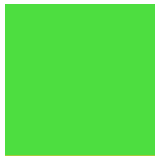
Dichromacy





Tritanopia
74CFE0

Trichromacy



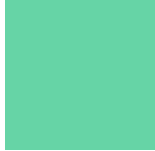
Original Color
4DDE40



Protanomaly
A5CC3B



Deuteranomaly
B5C549



Tritanomaly
66D4A6

Monochromacy



Original Color
4DDE40



Achromatopsia
A1A1A1



Achromatomaly
82B77E

CSS Examples

Text

The CSS property to change the color of the text to Hex 4DDE40 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #4DDE40 looks like.

```
.text, #text, p{  
    color:#4DDE40  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #4DDE40 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4DDE40
}
```

Border

The CSS property to change the border of an element to Hex 4DDE40 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#4DDE40 }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#4DDE40 }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel #4DDE40 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4DDE40; -webkit-box-shadow:4px 4px  
4px 4px #4DDE40; box-shadow:4px 4px 4px  
4px #4DDE40 }
```

Background

The CSS property to change the background color of an element to Hex 4DDE40 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4DDE40 }
```

If only the background color should be changed can be used:

```
.background{ background-color:#4DDE40 }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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